

Abstract

A compact drive, spiroid gear unit, and method for manufacturing a drive unit that includes at least an electric
5 motor, a brake, a gear unit, and a frequency converter, the
output shaft of the gear unit and the rotor shaft being
positioned in parallel to each other, and the shaft-center
distance being determined by at least one gear stage; the
first gear stage including a first toothed member connected to
10 the rotor shaft, and a second toothed member, which engages
with the first toothed member and is connected to an
intermediate shaft, the brake, including at least a brake-
rotor shaft, being integrated in the housing of the compact
drive, the brake-rotor shaft being parallel to the rotor
15 shaft, and the brake-rotor shaft being connected to a toothed
member, which engages with the second toothed member.